

UURI EARTH SCIENCE LAB

PROJECT ROOSEVELT
 DRILL HOLE UNIV. of UTAH DDH 1A
 DEPOSIT TYPE GEOTH.
 LOGGED BY J.B. HULENT

DATE STARTED _____
 DATE COMPLETED _____
 DRILLING CO. _____
 FINAL DEPTH _____ (ft.)
 COLLAR ELEV. _____ (ft.)
 CO-ORDINATES LAT. _____
 LON. _____
 GRID 3866 m N 24 m E
 T 275 R 9W SEC. 4

GEOPHYSICAL LOGS		SHEET NO. <u>4</u> OF <u>5</u>	
LOG RUN	DEPTH (ft.)	DATE	COMPANY

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SCALE	GRAPHIC LOGS*										DOWN HOLE LOCATION		GEOLOGIC NOTES* (Use also for general comments)										DOWN HOLE SURVEY DATA				THIN & POLISHED SECTIONS		
	FRACTURE INTENSITY (NO. FRACTURES/ft.)	ALTERATION					TOTAL SULPHIDES (wt. %)	ROCK TYPE & STRUCTURE	DISTANCE DOWN HOLE (ft.)	ELEVATION	ROCK TYPE	DESCRIPTION MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE.	MINERALIZATION		STRUCTURE			DESCRIPTION OF STRUCTURES Post or Pre-Ore (Evidence)	FRACTURE INTENSITY (NO. PER METRE)	DEPTH (ft.)	INCLINATION	BEARING	DEPTH (ft.)	SAMPLE NUMBER					
		CLAY	CHLOR. EPID.	SER.	KSPAR	SILICA							CO ₂	DISTRIBUTION Massive, Disseminated, Veinfill, Replacement.	TYPE Hypogene, Supergene, Ore and Limonite Mineralogy	DOWN HOLE DIST. (m. ft.)	FOLIATION WITH CORE								BEDDING WITH CORE	FRACTURE WITH CORE			
								149		ALTERED GNEISS (BANDED)	SAME AS ABOVE, EXC. MINOR YUGGY DISCONTINUOUS SILICA VNLTs. AVG. < 1MM (UP TO 10 MM.) WIDE - YUGS IN THESE COMMONLY LINED WITH COLLOFORM WHITE MINERAL, THEN (ON WHITE MINERAL) TINY (< 0.1 MM. LONG) ELIHEDRAL, WATER-CLEAR QTZ. XLS																		
								152-159		FALTI GOUGE & BX. (ALTERED)	DEGREE OF COMMUNITATION HIGHLY VARIABLE; STRONGLY SERICITIZED TO 158'; SILICA FLOODING w/ BLuish-GRAY CHALCEDONY (?) 158-159'		152-158': 4% PY, SAME AS 122-1435'																
								159-171		ALTERED GNEISS (BANDED)	SAME AS 122-1435, BTE. IS ALMOST TOTALLY ALTERED TO WAXY GREENISH CLAY, BUT RELICT BTE. IS LOCALLY PRESENT.		4% PY, SAME AS 122-1435'																
								171-177B		ALTERED FLT. GOUGE & BX.	... BLEACHED APPEARANCE, STRONGLY SERICITIZED WITH MINOR SILICA & CLAY		~10% PY, SAME AS 122-1435; ALSO < 0.1% RESINOUS BROWNISH-RED MINERAL (SP?) TEXTURALLY SIMILAR TO PY, BUT INDIVIDUAL GRAINS SLIGHTLY LARGER																
								177B-185		ALTERED GNEISS (BANDED)	SAME AS 122-1435, EXC. MORE STRONGLY SERICITIC. SER. INCREASING DOWNHOLE		5-7% PY, SAME AS 122-1435'																
								185-188		ALTERED FLT. GOUGE & BX.	... STRONGLY SERICITIZED		PY, SAME AS 122-1435' 185-185B': > 25% 185B-188': 8-10%																

* NOTE: GRAPHIC LOGS & GEOLOGIC NOTES NOT AT SAME SCALE.

